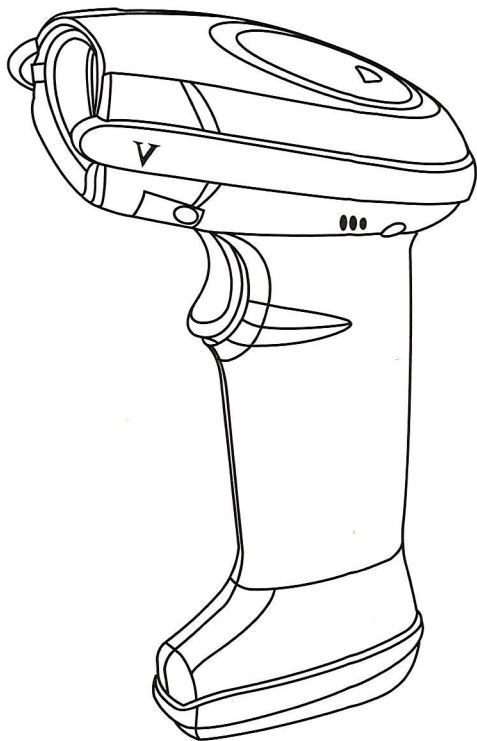


# Wireless Barcode Scanner Manual

## DS5910



## **Precautions**

**Please read through the manual carefully before using the product and operate it according to the manual. It is advised that you should keep this manual for future reference.**

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## Technical Parameter

Model	DS5910
Radio Frequency	2.4GHz Wireless
Wireless Range	Indoor 50m, outdoor 150m
Memory	100000 barcodes
Battery capacity	Built in 1600mAh chargeable battery
Charging power	DC 5V 500mA
Standby current	20mA
Working current	80mA
Button life	1000,000 times
Resolution	3 mil/0.076mm
Scanning width	10mm-60mm
Bit Error rate	1/5million
Printing Contract	>20%
Decoding speed	150 times/sec
Scanning angle	rotor angel $\pm 15^{\circ}$ , inclination $\pm 60^{\circ}$ , declination $\pm 30^{\circ}$
Drop test	1.5m
Certificate	CE, FCC, RoHS , IP42
Packing listing	Barcode scanner*1 USB Cable*1 Instruction Manual*1 USB Wireless receiver *1
Applicable 1D barcode	ChinesePost; Codebar; Code39; Code128, Ean8; Ean13, Ean128; ISBN; ISSN; Industrial 2of 5;UPC

## **FAQs:**

**Question1:** I have scanned the barcode, but it did not display on my PC, why?

**Answer1:** Please ensure that the scanner has enough power before use. Please ensure the scanner has connected to your PC with USB cable or wireless 2.4G.

**Question2:** Does this device can scan any 2D barcode? or does it scan the barcode from screen

**Answer2:** This device can't read any type 2D barcode, also can't read any barcode from screen.

**Question3:** Does the scanner work with all versions of windows?

**Answer:** Yes, as long as your computer has a USB interface.

**Question4:** Some barcodes can not be read, why?

**Answer4:**

- A. Incomplete and unclear barcodes might not be read.
- B. It is possible that the setting is off by default for some barcode types which are not commonly used. You need to activate a specific barcode type to get it working. Please go to page 14+ to activate the barcode type.

**Question5:** After scanning the EAN 8 +2 Digits barcode,only the EAN 8 barcode are displayed,and the 2 digits are not displayed,why?

**Answer5:**

The scanner works like a keyboard. The scanner does not interpret what the barcode is, it just "types" out a string of alphabet numeric characters that the barcode represents.

It's up to the database software you are using to interpret what that string of characters means. Once you acquire the barcodes, you have to correlate them to something more meaningful by either purchasing a software service that will interpret the barcode and relate it to a product, or you can use your own internal inventory system to assign the barcodes to specific products.

After creating the relationship between your barcode and the corresponded information, when you enter the barcode into the software by the scanner, your software will look up the barcode and then output the related information of your product.

If that is not your case, please send us a clear picture of the barcode and the result you get, our customer service will help you to solve the problem.

## Battery Remaining

To know how much electricity remains, put the cursor in the blank and then scan the following barcode.

Note: The buzzer will emit beep "Di-Di" when the battery power is 10%.

Please charge it in time.



Battery Reserve

## Restore Factory

If in use of the process, accidentally scan to other function settings code, which led to the scanning function can not be used normally, through the scan initialization barcode to restore to the initialization state.



Restore Factory

Notice: please use this function carefully.

## Connection Mode(2 different connections)

### Wired mode-----USB cable connection

Step 1: Connect the scanner to your computer via USB cable.

Step 2: Test the scanner using Microsoft EXCEL, click on any cell and scan a barcode, the barcode will come up on cell.

### 2.4GHz wireless mode----- support xp, win7, win8, win10, etc

Step 1: Start the scanner, Plug the mini USB receiver into the computer.

Step 2: scan the "wireless matching mode" and then you will hear beeps.

Step 3: Test the scanner using Microsoft EXCEL, click on any cell and scan a barcode, the barcode will come up on cell.



Wireless Matching

**NOTE:** the scanner has matched the receiver which included in the same packing box. If you need to replace a receiver or more scanners to transmit data to a receiver, you need to match the 2.4G wireless mode.



## Beep Setting

If you want to know if the configuration code has been read successfully, please scan the configuration code "Decoding Beep-On" first. Then when you scan the below configuration code, the scanner beeps once. But when you scan other normal product barcode (not configuration code on the manual). The scanner beeps twice in different tones.



Beep - On



Beep - Off

## Letter conversion function

This setting is to convert the form of the barcode.

For example: when the barcode is aBC123, scan the following barcode "all lowercase", then scan your goal barcode, the data will display as "abc123".



ALL capitalized letters



ALL lowercase letters



Case to case conversion



Reinstate characters

# End Character Setting

By default, the scanner is sending a 'carriage return' after scanning a code (the same as pressing the 'enter' key) .  
To set the scanner disable end character, please scan below codes in order:



Add Enter



Add Line Feed



Add Enter and Line Feed



Add Tab



Disable suffix

# Keyboard Language Setting

The keyboard layout and symbols corresponding to different languages.English mode is suitable for American keyboards, while intelligent mode is suitable for keyboards in other countries.



English mode



Intelligence mode

## Barcode setting

### UPCA



UPCA-On\*



UPCA-Off

### UPCE



UPCE-On\*



UPCE-Off

### EAN 13



EAN13-On\*



EAN13-Off

### EAN 8



EAN 8-On\*



EAN 8-Off

### Code 39



Code 39-On\*



Code 39-Off

### Code 128



Code 128-On\*



Code 128-Off

### Code 93



Code 93-On\*



Code 93-Off

### Code 11



Code 11-On\*



Code 11-Off

### CODABAR



CODABAR-On\*



CODABAR-Off

### Industrial 2 of 5



Industrial 2 of 5 -On\*



Industrial 2 of 5 -Off

### Matrix 2 of 5



Matrix 2 of 5 -On\*



Matrix 2 of 5 -Off\*

### ISBN/ISSN



ISBN/ISSN-On



ISBN/ISSN-Off\*

### IT25



IT25-On



IT25-Off

### China post



China post-On



China post-Off

## Additional Code



Additional Code-On



Additional Code-Off

## Insert characters

The barcode scanners permit special characters to be added at the beginning (prefix) or end (suffix) of the scanned barcode.

**Step 1:** Scan one of the following setup code to choose the event.



Add Prefix



Add Suffix

**Step 2:** Scan the related code to set up prefix or suffix, then scan the confirm barcode.

**Note:** the related code of prefix or suffix, please check the ASCII Barcode Table (on page 12+)

**Note:** if you find you scan the wrong related code, you can scan the following delete barcode, and then scan the right one which you want.



delete

**Example:** To add character ABC Check symbol column in table, the code ID corresponding to character A is 1065, the code ID corresponding to character B is 1066, the code ID corresponding to character H is 1072, the code ID corresponding to character Z is 1090, so to add character ABHZ, you need to scan these following codes in order.

To clear the character insertion, select desired code below.












Clear All Prefix



Clear All Suffix

**Example : Insert characters: 1234567890180**

Step	Clear All Prefix	Insert BZ after barcode
1	 Add Prefix	 Add Suffix
2	 1065 A	 1066 B
3	 1072 H	 1090 Z
4	 confirm	 confirm
5	Scan the barcode 1234567890180 1234567890180	Scan the barcode 1234567890180 1234567890180
6	 Clear All Prefix	 Clear All Suffix
7	Scan the barcode 1234567890180 1234567890180	Scan the barcode 1234567890180 1234567890180

Notice: To enable the scanner to restore the execution of configuration commands, please scan code "Clear All Prefix" or "Clear All Suffix" first, then scan the desired configuration code.

# ASCII Barcode Table



1037  
%



1038  
&



1039  
€



1040  
(



1041  
)



1042  
\*



1043  
+



1042  
\*



1045  
-



1046  
.



1047  
/



1048  
0



1049  
1



1050  
2



1051  
3



1052  
4



1053  
5



1054  
6



1055  
7



1056  
8



1057  
9



1058  
:



1059  
;



1060  
<



1059  
;



1060  
<



1063  
?



1064  
@





1065  
A



1066  
B



1067  
C



1068  
D



1069  
E



1070  
F



1071  
G



1072  
H



1073  
I



1074  
J



1075  
K



1076  
L



1077  
M



1078  
N



1079  
O



1080  
P



1081  
Q



1082  
R



1083  
S



1084  
T



1085  
U



1086  
V



1087  
W



1088  
X



1089  
Y



1090  
Z



1091

[



1092

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1093

]



1094

^



1095

-



1096

.



1097

a



1098

b



1099

c



1100

d



1101

e



1102

f



1103

g



1104

h



1105  
i



1106  
j



1107  
k



1108  
l



1109  
m



1110  
n



1111  
o



1112  
p



1113  
q



1114  
r



1115  
s



1116  
t



1117  
u



1118  
v



1119  
w



1120  
x



1121  
y



1122  
z



1123  
{



1124  
|



1125  
}



1126  
~



1032  
space



1033  
!



1034  
"



1035  
#



1036  
\$